

CITY OF RICHLAND CENTER AGENDA ITEM DATA SHEET

Agenda Item: Purchase of Husqvarna Automower 550 EPOS Robot Mower

Requested & Presented by: Jasen Glasbrenner

Meeting Date: Public Works on 01-16-2025
Finance Committee on 02-04-2025 and Common Council on 02-04-2025

Committee Review: Public Works on 01-16-2025 - Motion by Melby to recommend to the Finance Committee the approval of the purchase of a new Husqvarna Automower 550. Seconded by Walters. Motion carried unanimously.

Background: In the fall of 2024 we had a demo of a Husqvarna Automower 550 EPOS Robot Mower for approximately a 2-week period where it maintained the majority of the lawn at City Hall. We are proposing the purchase of a single unit to further test the reliability and functionality of the mower as a tool in our lawn maintenance fleet. The expectation is that the mower will increase efficiency and reduce costs as it frees up staff for other critical duties such as landscaping maintenance, tree care, and grounds improvements as well as reducing costs associated with manual mowing, fuel consumption, and equipment maintenance.

Department Recommendation: Authorize the purchase of a new Husqvarna Automower 550 EPOS Robot Mower.



Capacity	
	5 blade disc with Enhance HSS SKU: 970 65 67-05
Lawn Size (±20)	2.5 acre
Boundary type	Virtual wire
Maximum slope performance at boundary	15 %
Maximum slope performance inside installation	45 %
Max active time	24 h
Follow guide	Virtual transport path
Charging system	Automatic

Typical mow time on one charge	210 min
Typical charging time	60 min
Area capacity - Standard 48	2.5 acre
Area capacity - Sports 24	1.25 acre
Area capacity - Max 72	3.7 acre
Area capacity per hour without charging	0.075 acre

Cutting System	
Cutting system	5 pivoting razor blades
Cutting height, max (approximate)	2.4 in
Cutting height, min (approximate)	0.8 in
Cutting width	9.45 in
Cutting height adjustment	Electric
Skid plate	Yes
Dual cutting direction	Yes

Financial Impact: Approximately \$4,500.00 for the unit, reference station, charging station and installation. The installation cost can vary.

Funding Source: Proceeds from the sale of City equipment.

Requested Action:

Finance: Motion to recommend to the Common Council the approval of the purchase of a new Husqvarna Automower 550 EPOS Robot Mower from a local vendor for approximately \$4,500 using funds from proceeds from the sale of City equipment.

Council: Motion to approve the purchase of a new Husqvarna Automower 550 EPOS Robot Mower from a local vendor for approximately \$4,500 using funds from proceeds from the sale of City equipment.